

COLIC, Bratislav; STANOJLOVIC, Dragoljub

Analysis of the rock on the profile of Grancarevo Barrage of the  
Trebisnica Hydroelectric-Power Plant. Saop Inst vodopr Cerni  
no.18:35-36 '60.

STANOJLOVIC, Dragoljub, ing.

Field tests of shearing on a large scale. Saop Inst vodopr Cerni  
no.18:9-13 '60.

STANOJLOVIC, M.

"How railroad repair shops for electrical locomotives are equipped and organized." (p. 56).  
ZELEZNICE. (Jugoslovenske zeleznice) Beograd. Vol. 10, no. 2, Feb. 1954

SO: East European Accessions List. Vol. 3, No. 8, August 1954

STANOJLOVIC, M.

"Typification of centrifugal pumps in water stations on our railroads." (p. 130).  
ZELEZNICE. (Jugoslovenske zeleznice) Beograd. Vol. 10, no. 4, April 1954

SO: East European Accessions List. Vol. 3, no. 8, August 1954.

STANKJATIC, R.

Automatic operation of centrifugal pumps driven by electricity. p. 212.  
(SELEZNICE, Vol. 10, no. 6, June 1954, Beograd, Yugoslavia)

SO: Monthly list of East European Accessions, (EEL), LC, Vol. 4, no. 1  
Jan. 1955, Uncl.

STANOJLOVIC, M.

Fundamental principles governing selection of pumps in designing water-pumping installations and problems of their efficiency. p. 1114

TEHNIKA, Vol 10, No. 8, 1955  
Beograd.

SO: EEAL, Vol 5, No. 7, July 1956

STANOJLOVIC, M.

STANOJLOVIC, M. The power transmission system of diesel rail vehicles. p. 30.

Vol. 12, No. 11, Nov. 1956.

ZNILEZNICE

TECHNOLOGY

Beograd, Yugoslavia

So: East European Accession, Vol. 6, No. 2, February 1957

STANOJLOVIC, Milutin, inz.

Accumulator traction in railroad transportation. Zeleznice Jug 17  
no.9/10:40-48 '61.

(Railroads) (Storage batteries)



STANOJLOVIC, Milutin, inz.

Traction engines for the accumulator electric vehicles of the  
German railroads. Zeleznice Jug 18 no.5/6:42-44 '62.

SOLDATOVIC, Svetislav; MILOSEVIC, Rajko; STANOJLOVIC, Zivojin

Necrotomy of specific foci and osteoplasty of the roof of the acetabulum in patients with tuberculous osteitis of the suprapubic and pathological subluxation of the hip. Tuberkuloza 15 no.2:273-280 Ap-Je '63.

1. Ortopedski odsek Hirurskog odeljenja Opste bolnice, Nis -  
Nacelnik odseka: dr Svetislav Soldatovic.

(TUBERCULOSIS, OSTEOARTICULAR)  
(HIP DISLOCATION) (ACETABULUM)  
(SURGERY, OPERATIVE)

S

SOLDATOVIC, Svetislav; STANOJLOVIC, Zivojin

Tuberculous trochanteritis. Tuberkuloza 16 no.3:282-288 My-Ag '64

ЛИШИН В.А. МАШИНА ДЛЯ ВЫПЕЛКИ ЛАТ

(V. A. Iliushin's machine for making soft laths). Moskva, Gos. izd. lit. po stroitel'stvu i arkhiterture, 1955. 7 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 7, Oct. 1955

KHRISTOV, Vasil; STANOLOV, Angel

Diffusion camera under low pressure. Fiz mat spisanie BAN 4 no.4:  
263-270 '61.

ACCESSION NR: AT4017783

B/2503/63/011/01-/0201/0220

AUTHOR: Khristov, V.; Damyanov, D.; Stanolov, A.

TITLE: Neutron flux and radiation field of the IRT-1000 reactor in Sofia

SOURCE: B'lgarska Akademiya na Naukite. Fizicheski institut. Izvestiya na Fizicheskiya institut s ANEB (News of the Institute of Physics and the Atomic Energy Scientific Research Foundation), v. 11, no. 1-2, 1963, 201-220

TOPIC TAGS: IRT-1000, nuclear reactor, reactor, neutron, flux, thermal neutron, resonance neutron, fast neutron, gamma radiation, Grey chamber

ABSTRACT: Adduced are the results of the absolute measurement of thermal, resonance and fast ( $E > 1$  MeV) neutron currents in the active zone and in experimental channels of the IRT-1000 reactor in Sofia. Measurements were made on irradiated plates of gold and indium, and for fast neutrons by means of threshold detectors ( $S^{32}$ ,  $P^{31}$ ,  $Mg^{24}$ ,  $Na^{24}$ ,  $Al^{27}$ ) by the 2-pi method, using apparatus calibrated according to a 4-pi device constructed by the coauthors, yielding accuracy in excess of 5%. Control measurements were made by the method of beta-gamma coincidences, with apparatus consisting of scintillation counter (gamma channel) with MST-17 (beta channel) end-type counter. Consistently good results were obtained on repetition.

Card 1/3

ACCESSION NR: AT4017783

Absolute and relative measurements of doses of mixed neutron-gamma field were made at different points of the reactor by means of Grey chambers designed and constructed by the coauthors (polystyrene with acetylene and graphite with argon), which measured the absolute doses of the gamma field with the reactor in a state of rest following previous operation under various regimes. Recorded by means of an automatic recording device was the distribution of slow neutrons in the active zone of the reactor along the irradiated copper wires in it, and determination was made of the coefficient of volume variability of the distribution  $K_v = 0.47$ . Likewise, made were relative measurements of the distribution of  $F_{th}$ ,  $F_{res}$ ,  $F_f$  and  $D_\gamma$  in several experimental channels of the reactor, and these will be further extended in the next stage when the spectrum of fast neutrons and the gamma field at all points important for the experiments are made. Results of the experiments are summarized in Tables 1 and 2 of the Enclosure. A number of devices were constructed, making it possible to carry on successful radiobiological investigations. The results of the measurements are necessary in practice for groups of experimenters using the reactor and have, as well, theoretical interest for certain computations in the domain of reactor physics. "Throughout the entire period of time that we were conducting measurements, aid and cooperation were extended to us by a number of comrades from the reactor collective, and to them we express our gratitude." Orig.

Card 2/3

ACCESSION NR: AT4017783

art. has: 14 figures, 16 equations, and 5 tables.

ASSOCIATION: none.

SUBMITTED: 00

DATE ACQ: 04Mar64

ENCL: 02

SUB CODE: NS, PH

NO REF SOV: 007

OTHER: 010

Card 3/13



KHRISTOV, V.; STANOLOV, A.; BUCHVAROV, N.; ROMANOV, G.

An automatically controlled diffusion Wilson chamber operating under conditions of intensive irradiation of the reactor neutron beams. Fiz mat spisanie BAN 7 no.1:30-38 '64.

ERISTOV, V., STANCOV, A.

Possibilities of operating the Wilson diffusion chamber under  
intensive irradiation from reactor neutron beams. Doklady BAN  
17 no. 01531-534 '64.

1. Predstavlena zad. G. Radzhekovym.

L 22633-66 ETC(f)/EPF(n)-2/EMG(m) WW

ACC NR: AT6004203 (N) SOURCE CODE: BU/2503/65/013/001/0005/0012

AUTHOR: Khristov, V.; Stanolov, A.

56  
BT1

ORG: none

TITLE: Neutron spectra of the reactor IRT-1000 in Sofia

SOURCE: Bulgarska akademiya na naukite. Fizicheski institut.  
Izvestiya na Fizicheskiya institut s ANEB, v. 13, no. 1, 1965, 5-12

TOPIC TAGS: neutron spectrum, nuclear reactor core, neutron detector, Fermi level, Maxwell distribution, neutron/IRT-1000 reactor

ABSTRACT: The effective neutron temperature of the reactor IRT-1000 in Sofia has been determined by two independent methods (the method of transmission and the method of reactivity). The value 375K has been obtained. The constant  $\lambda$  relating the spectrum of thermal neutrons with Maxwell distribution to the Fermi slowing-down spectrum has been determined. The results obtained by the method of two independent resonance detectors and that of the cadmium ratio are in good agreement. In the center of the pile core  $\lambda = 0.056$ .

Card 1/2

L 22633-66

ACC NR: AT6004203

The integral fast neutron spectrum in the energy interval from 2.7 to 12.18 MeV has been determined by means of 7 threshold detectors. Orig. art. has: 6 formulas, 3 figures and 1 table. [Based on author's abstract]

SUB CODE: 18,20/  
SOV REF : 004/

SUBM DATE: 05May64/      ORIG REF: 001/  
OTH REF: 005/

Card 2/2 7/14/5

RUMANIA/Electronics - Dielectrics.

H-

Abs Jour : Ref Zhur Fizika, No 3, 1960, 6400

Author : Stanomir D.

Inst : -

Title : Ferroelectric Phenomena in Barium Titanate and Other  
Materials

Orig Pub : Telecomunicatii, 1959, 3, No 2, 72-77

Abstract : Survey of ferroelectricity and its technical applications.  
The presently known ferroelectrics are described.

Card 1/1

RUM/2-59-10-20/39

24(2)

AUTHOR:

Stanomir, D., Engineer (Bucharest)

TITLE:

Piezoelectricity

PERIODICAL:

Știință și tehnică, 1959, Nr 10, pp 26-28 (RUM)

ABSTRACT:

This is a popular description of piezoelectricity. The author first mentions the crystals and defines anisotropic properties. He mentions that out of 32 crystal classes, 20 have piezoelectric properties. He explains piezoelectricity as a displacement of the electric charge centers under the influence of mechanical tensions. Piezoelectricity is a suggestive method of transformation of mechanical energy into electrical energy and vice versa. The piezoelectric effect was discovered in the year 1880 by the brothers Pierre and Jacques Curie. In the Soviet Union, Kharkevich has established a general theory which can be applied to piezoelectric crystals, too; and Vul discovered a new piezoelectric material, the barium titanate. In continuing, the author describes the quartz crystals and gives an elementary explanation ✓

Card 1/2

STANOMIR, D., ing; KLEIN, G., ing.

Neumann type condenser microphones successfully made in the  
German Democratic Republic. Telecommunicatii 6 no.6:275-276  
N-D '62.

STANOMIR, D., ing.

•The bases of modern acoustics• by [acad.] E. Badarau,  
M. Grumazescu. Reviewed by D. Stanomir. Telecommunicatii  
6 no.6:284-285 N-D '63.



STANOMIR, Dumitru, ing.

The equivalent circuit of a magnetostrictive buzzer. Telecommunicatii  
7 no.1:25-28 Ja-F '63.

STANOMIR, D., ing.

Contributions to the design of funnel (cone) loudspeakers.  
Telecomunicatii 7 no.2:74-79 Mr-Apr '63.

STANOMIR, Dumitru, ing.

Design of electrodynamic direct-radiating loudspeakers.  
Telecomunicatii 8 no. 2: 50-54 Nr-Apr '64.

STANOMIR, D., ing.

"Bases of wire telecommunications" by Sergiu Condrea.  
Pt. 1. Reviewed by D. Stanomir. Telecomunicatii 8  
no. 2:94-95 Mr-Apr '64.

STANOMIR, Dumitru, ing.

Observations on the Fourier integral of inversion. Telecomunicatii  
8 no.3:131-132 My-Je '64.

L 51054-66 EWI(1) IJP(c) WW  
ACC NR: AP6022611

SOURCE CODE: RU/0005/65/000/010/0406/0409

AUTHOR: Stanomir, Dumitru (Engineer)

ORG: none

TITLE: Correlation theory and its application in acoustics

SOURCE: Telecomunicatii, no. 10, 1965, 406-409

TOPIC TAGS: correlated noise, acoustics, correlation statistics

ABSTRACT: The author summarizes the principal notions of correlation theory and discusses the application of the findings of this theory to the field of acoustics, especially to the reception of sounds. The statistical interpretation of the data is also discussed. Orig. art. has: 4 figures and 16 formulas. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 20, 12 / SUBM DATE: none / SOV REF: 004

Card 1/1

UDC: 534.3: 519.27

L 33360-66 EWP(e)/EWP(t)/ETI/EWP(k) JD/WW/WH  
ACC NR AP 024579 SOURCE CODE: RU/0017/65/000/009/0474/0476

AUTHOR: Stanomir, I. (Engineer); Borzea, C. (Engineer)

Org: Motor Repair Shops, Brasov (Atelierele de Reparatii de Automotoare)

TITLE: Casting of segments 200-700 millimeters in diameter

SOURCE: Metallurgia, no. 9, 1965, 474-476

TOPIC TAGS: metal casting, metallurgy

ABSTRACT: The authors describe the methods being used to cast large segments, pointing out the difficulties associated with the drum casting method in the case of large sizes and describing how these can be overcome through use of the ring-drum method. This results in segments of good quality having a fine graphite lamellar structure. Orig. art. has: 4 figures. [Based on authors' Eng. abst.] [JPRS: 33,732]

SUB CODE: 13 / SUBM DATE: none

Card 1/1 BLS

UDC: 621.74.03-762.63

0915 2232

I, 34951-66 EWP(c)/EWP(k)/EWP(h)/EWP(f)/EWP(t)/EWP(l)/ETI TSP(c) 30  
 ACC NR: AP6026652 SOURCE CODE: RU/0017/66/000/001/0029/0030

AUTHOR: Stanomir, I. (Engineer); Filipan, I. (Engineer)

ORG: Motor Repair Shops, Brasov (Atelierele de reparat automotoare)

TITLE: Installation for granulating, transporting and siloing cupola slag

SOURCE: Metalurgia, no. 1, 1966, 29-30

TOPIC TAGS: slag, granule formation, metallurgic machinery, working condition, production engineering

ABSTRACT: The authors describe an installation which improved the working conditions of the cupola furnace operators, resulting in a 100-percent increase of the labor productivity in the slag removal operations. The device increases the mechanization of these operations. Orig. art. has: 1 figure. [Based on authors' Eng. abst.]  
 [JPRS: 36,646]

SUB CODE: 11, 13, 05 / SUBM DATE: none

Card 1/1

UDC: 621.745.563.23.004.4

09/6 23.29



GRZESIK, J.; JOZKIEWICZ, S.; PUCHALIK, M.; STANOSSEK, J.

Studies on the effect of sonic and ultrasonic fields on biochemical processes. I. Effect on glucose and pyruvic acid levels in the blood and on the value of surface tension of the blood serum in guinea pigs. Acta physiol. polon. 11 no. 2: 223-230 Mr-Apr '60.

1. Z Instytutu Medycyny Pracy w Przemysle Węglowym i Hutniczym w Zabrze-Rokitnicy, Dyrektor: prof. dr B. Nowakowski; Z Zakładu Chemii Fizjologicznej Śląskiej A. M. w Zabrze-Rokitnicy; Kierownik: doc. dr S. Jozkiewicz; Z Zakładu Fizyki Lekarskiej Śląskiej A. M. w Zabrze-Rokitnicy, Kierownik: prof. dr M. Puchalik.

(SOUND)

(ULTRASONICS)

(BLOOD SUGAR)

(PYRUVATES blood)

(BLOOD)

JOZKIEWICZ,S.; STANOSK,J.; PUCHALIK,M.; GRZESIK,J.

Studies on the effect of sonic and ultrasonic fields on biochemical processes. IX. Effect on total lipid, lipoprotein and protein and protein-fraction levels in the blood of guinea pigs. Acta physiol. polon.11 no.2:231-236 Mr-Apr '60.

1. Z Zakladu Chemii Fizjologicznej Slaskiej A. M. w Zabrze-Rokitnicy,  
Kierownik: doc. dr S. Jozkiewicz; Z Zakladu Fizyki Lekarskiej  
Slaskiej A. M. w Zabrze-Rokitnicy, Kierownik: prof. dr M. Puchalik;  
Z Instytutu Medycyny Pracy w Przemysle Weglowym i Hutniczym w  
Zabrze-Rokitnicy, Dyrektor: prof. dr B. Nowakowski.

(SOUND)

(ULTRASONICS)

(LIPIDS blood)

(LIPOPROTEINS blood)

(BLOOD PROTEINS)

GRZESIK, Jan; JOZKIEWICZ, Stanislaw; PUCHALIK, Marian; STANOSSEK, Jozef.

Studies on the effect of acoustic and ultra-acoustic fields on biochemical processes. III. Effect on glutamic-oxalic transaminase and aldolase activity on the blood serum in guinea pigs. Acta physiol pol 12 no.1:129-132 '61.

1. Z Instytutu Medycyny Pracy w Przemysle Weglowym i Hutniczym w Zabrze-Rokitnicy. Dyrektor: prof. dr B. Nowakowski Z Zakladu Chemii Fizjologicznej Slaskiej Akademii Medycznej w Zabrze-Rokitnicy Kierownik: doc. dr S. Jozkiewicz Z Zakladu Fizyki Lekarskiej Slaskiej Akademii Medycznej Kierownik: prof. dr. M. Puchalik.  
(ALDOLASE blood) (TRANSAMINASES blood)  
(SOUNDS) (ULTRASONIC)

STANOSEK, Jozef

Studies of the effect of sonic and ultrasonic fields on biochemical processes. V. Effect on the activity of glutamic-acetic transaminase, glutamic-oxalic transaminase, alanine, aspartic acid and glutamic acid in the blood serum of guinea pigs. Acta physiol pol 12 no.3: 469-478 '61.

1. Z Zakladu Chemii Fizjologicznej Slaskiej A.M. w Zabru-Rokitnicy  
Kierownik: doc. dr S. Jozkiewicz.

(SOUND)

(ULTRASONICS)

(TRANSAMINASES blood)

(ALANINE blood)

STANOSEK, Jozef; SAWARYN, Tomira

Alkaline phosphatase activity in adults and children in infectious hepatitis. Przegl. epidem. 16 no.2:143-147 '62.

1. Z Kliniki Chorob Zakaznych Sl. AM w Bytomiu Kierownik Kliniki:  
prof. dr K. Szymonski.  
(PHOSPHATASES blood) (HEPATITIS INFECTIOUS blood)

SIWEK, Wacław; STANOSEK, Józef

Correlation between Jirgl's flocculation test and alkaline phosphatase activity in the blood in patients with infectious hepatitis. Przegl. epidem. 16 no.2:149-153 '62.

1. Z Kliniki Chorob Zakaznych AM w Bytomiu Kierownik: prof. dr  
K. Szymonski.

(LIVER FUNCTION TESTS) (PHOSPHATASES blood)  
(HEPATITIS INFECTIOUS blood)

SAWARYN, Tomira; STANOSEK, Jozef

Behavior of some lipid fractions in patients with infectious hepatitis  
treated with prednisone. Prezgl. epidem. 16 no.2:177-184 '62.

1. Z Kliniki Chorob Zakaznych AM w Bytomiu Kierownik: prof. dr K.Szymonski.  
(PREDNISONE ther) (HEPATITIS INFECTIOUS blood)  
(LIPIDS blood)

GRANICKI, Olgierd; MOLL, Janusz; STANOSEK, Jozef

Prednisone therapy and SGOT and SGPT activity during the course of infectious hepatitis. (Preliminary communication). Przegl. epidem. 16 no.2:185-188 '62.

1. Z Kliniki Chorob Zakaznych Sl. AM w Bytomiu Kierownik: prof. dr K. Szymonski.

(PREDNISONE ther) (HEPATITIS INFECTIOUS blood)  
(TRANSAMINASES blood)



SIWEK, Wacław; STANOSEK, Józef

Usefulness of Jirgl's test in differentiating jaundice. Polski  
tygod. lek. 17 no. 25: 996-969 18 Je '62.

1. Z Kliniki Chorob Zakaznych Sl. AM w Bytomiu; kierownik: prof.  
dr med. Karol Szymonski.

(LIVER FUNCTION TESTS)

(JAUNDICE diag)

SIWEK, Wacław; STANOSEK, Józef

Jirgle's flocculation test in infectious hepatitis. Pediat. pol.  
39 no.1:33-38 Ja'64

1. Z Kliniki Choroób Zakaznych Slaskiej AM w Bytomiu; Kierownik:  
prof. dr. med. K. Szymonski.

\*

STANCSEK, Jozef; GREGORCZYK, Janusz; LEWANDOWSKA-TOKARZ, Anna

Studies on the effect of prolonged vertical vibrations of low frequency on biochemical disorders in guinea pigs. I. Effect on the activity of alanine and aspartate aminotransferase in the blood serum and liver of the guinea pig. Med. dosw. mikrobiol. 16 no.4:347-353 '64.

1. Z Katedry i Zakladu Chemii Fizjologicznej Slaskiej Akademii Medycznej w Zabrze-Rokitnicy (Kierownik: prof. dr. S. Jozkiewicz).

STANOSEK, Jozef; GREGORCZYK, Janusz; LEWANDOWSKA-TOKARZ, Anna

Biochemical changes in guinea pigs under the influence of large doses of hydrocortisone. I. Effect on serum proteins and protein fraction level and on the relative weight of the liver in guinea pigs. *Endocr. Pol.* 16 no.1:89-96 Ja-F'65

1. Katedra i Zaklad Chemii Fizjologicznej Slaskiej Akademii Medycznej w Zabrzę-Rokitniczy (Kierownik: prof. dr. S. Jozkiewicz).

LEWANDOWSKA-TORARZ, Anna; GREGORCZYK, Janusz; STANOSER, Jozef;  
DUJANOWICZ, Anna

Studies on the acoustic stress action with simultaneous action  
of horizontal mechanical vibration of lower frequencies on bio-  
chemical changes in guinea pigs. Pt.2. Med. pracy 16 no.4:278-282  
'65.

1. Z Katedry i Zakladu Chemii Fizjologicznej Slaskej AM w Zabrze-  
Rokitnicy (Kierownik: prof. dr. S. Jozkiewicz).

L 10734-66 EWT(1)/FS(v)-3 DD

ACC NR: AP5027166

SOURCE CODE: PO/0056/65/016/005/0701/0708

AUTHOR: Gregorczyk, J. -- Gregorchik, Ya.; Lewandowska-Tokarz -- Levandovska-Tokazh;  
Stanosek, J. -- Stanosek, Yu.; Hepa, J. -- Gepa, I.

ORG: Institute of Physiological Chemistry, Silesia AM, Zabrze-Rokitnica (Zaklad  
Chemii Fizjologicznej Sl. AM)

TITLE: The effects of physical work and work under conditions of noise and vibration  
on the human organism. I. Behavior of serum alkaline phosphatase, aldolase, and  
lactic dehydrogenase activities

SOURCE: Acta physiologica polonica, v. 16, no. 5, 1965, 701-708

TOPIC TAGS: human physiology, working condition, man, medical experiment, biologic  
vibration effect, noise effect

ABSTRACT: An experiment was performed on 62 workers employed in a large industrial  
establishment in Silesia to study the effects of stress on the human body. Of these,  
37 worked under stress of noise, vibration, and dust, and the remaining 25 worked  
without noise or vibration. All the workers were in good health prior to the ex-  
periment. Evaluation of the results obtained showed that there was a statistically  
significant increase in the activities of serum aldolase and lactic dehydrogenase in  
workers subjected to stress. The serum alkaline phosphatase showed a decrease in the

Card 1/2

Card 2/2

L 10465-66 EWT(1)/FS(v)-3 DD

ACC NR: AP5027167

SOURCE CODE: PO/0056/65/016/005/0709/0714

AUTHOR: Gregorczyk, J. — Gregorchik, Ya. (Member of physiological chemistry dept.); Lewandowska-Tokarz, A. — Levandovska-Tokazh, A. (Member of physiological chemistry dept.); Stanosek, J. — Stanosek, Ya. (Member of physiological chemistry dept.); Glab, M. — Glomb, M. (Member of physiological chemistry dept.)

ORG: Department and Institute of Physiological Chemistry, Silesia AM, Zabrze-Rokitnica (Katedra i Zaklad Chemii Fizjologicznej Sl. AM)

TITLE: The effects of physical work and work under conditions of noise and vibration on the human organism. II. Behavior of aspartic and alanine aminotransferase, Gamma-glutamyl transpeptidase, lactic dehydrogenase, and L-idylol dehydrogenase activities

SOURCE: Acta physiologica polonica, v. 16, no. 5, 1965, 709-714

TOPIC TAGS: human physiology, working condition, man, medical experiment, biologic vibration effect, noise effect

ABSTRACT: An experiment was performed on 49 workers employed in a large industrial establishment in Silesia to study the effects of stress on the human body. Of these, 25 worked under stress of noise, vibration, and dust, and the remaining 24 were employed as designers working without noise or vibration. A statistical evaluation of the results showed a 26% increase in the activity of aspartic transaminase and a statistically significant decrease

Card 1/2

L 10465-66

ACC NR: AP5027167

in the activity of lactic dehydrogenase (-36%) in the workers subjected to stress. The increase in transaminases is considered as a possible increase in the transamination process in workers subjected to stress. Orig. art. has: 1 table. [08]

SUB CODE: 06 / SUBM DATE: 29Dec64 / OTH REF: 017/ ATD PRESS: 4167

HW

Card 2/2



LEWANDOWSKA-TOKARZ, Anna; GREGORCZYK, Janusz; STANOSSEK, Jozef;  
DUJANOWICZ, Anna

Examination of the effect of prolonged low frequency vertical vibration on biochemical disorders in guinea pigs. II. Effect on the level of total lipids, cholesterol and phospholipids in the blood serum and on the ascorbic acid level in the adrenal glands. Med. dosw. microbiol. 17 no.1:71-75 '65.

1. Z Katedry i Zakladu Chemii Fizjologicznej Slaskie Akademii Medycznej w Zabrze-Rokitnicy (Kierownik: prof. dr. S. Jozkiewicz).

GRZJORCZYK, Janusz; STANOSEK, Jozef; LEWANDOWSKA-TOKARZ, Anna

Biochemical changes in guinea pigs treated with large doses of hydrocortisone. II. Effect on the activity of alanine aminotransferase and aspartate aminotransferase in the blood serum and in the liver and of gamma-glutamyl transpeptidase in the blood serum. Endokr. Pol. 16 no.2:189-194 Mr-Ap'65.

1. Katedra i Zaklad Chemii Fizjologicznej Slaskiej Akademii Medycznej w Zabrze-Rokitnicy (Kierownik: prof. dr. S. Jozkiewicz).

STANOSEK, Jozef; BOJARSKI, Zbigniew; JAHNS, Krystyna

Behavior of serum bilirubin diglucuronates in infectious hepatitis in children. *Pediat. Pol.* 40 no.8:791-795 Ag '65.

Relation of the level of diglucuronates and bilirubin and of Jirgl's flocculation test to the serum alkaline phosphatase activity in infectious hepatitis in children. *Ibid.*:797-800

1. Z Kliniki Chorob Zakaznych Slaskiej AM w Bytomiu (Kierownik: prof. dr. K. Szymonski) i z Katedry i Zakladu Chemii Fizjologicznej Slaskiej AM w Zabrze-Rokitnicy (Kierownik: prof. dr. S. Jozkiewicz).

STANOSEK, J.; BOJARSKI, Z.; JAHNS, K.; GREGORCZYK, J.; MODZELEWSKA, H.

Gamma-glutamyl transpeptidase activity and serum bilirubin diglucuronide level in viral hepatitis and their comparison with other liver tests. Pol. tyg. lek. 20 no.38:1407-1409 20 S '65.

1. Z Kliniki Chorob Zakaznych Slaskiej AM w Bytomiu (Kierownik: prof. dr. med. Karol Szymonski) i z Katedry i Zakladu Chemii Fizjologicznej Slaskiej AM w Zabrze-Rokitnicy (Kierownik: prof. dr. Stanislaw Jozkiewicz).

L 6526-66 EWT(1)/FS(1)-3 DD

ACC NR: AP5027168 SOURCE CODE: PO/0056/65/016/005/0727/0737

AUTHOR: Jozdewicz, S. — Yuzkevich, S. (Professor, Doctor, Director); Puchalik, M. — Puchalik, M. (Professor, Doctor, Director); Cygan, Z. — Tsygan, Z.; Drozd, M. — Drozd, M.; Gregorczyk, J. — Gregorchik, Ya.; Grzesik, J. — Gzhesik, Ya.; Krzoska, K. — Kshoska, K.; Lewandowska-Tolacz, A. — Levandovska-Toltazh, A.; Stanosek, J. — Stanosek, Ya.; Zak, T. — Zhak, T.

ORG: Institute of Physiological Chemistry, Silesia AM, Zabrze-Rokitnica (Zaklad Chemii Fizjologicznej Sl. AM); Institute of Medical Physics, Silesia AM, Zabrze-Rokitnica (Zaklad Fizyki Lekarskiej Sl. AM)

TITLE: Investigation of the effect of sonic and ultrasonic fields on biochemical processes. IX. Effect on some blood components in men working under noisy conditions

SOURCE: Acta physiologica polonica, v. 16, no. 5, 1965, 727-737

TOPIC TAGS: human physiology, working condition, man, medical experiment, biologic vibration effect, sound, ultrasonic field, acoustic biologic effect

ABSTRACT: The levels of blood glucose, pyruvic acid, ascorbic acid, proteins, protein fractions, nonprotein nitrogen, phospholipid phosphorus, and the activities of aminotransferase and aldolase were determined in 80 persons to study the effect of noisy working conditions on the workingman. The test subjects were employed in a large industrial establishment

Card 1/2

L 6536-66

ACC NR: AP5027168

and exposed to vibration and noise. All were in relatively good health. The control group consisted of workers in the same factory, but not exposed to a noisy environment. The results showed the following: a decrease in blood sugar, phospholipid phosphorus, and ascorbic acid; an increase in protein, albumin, and nonprotein nitrogen. The gamma globulin, however, showed a decrease. There was a slight increase in aspartic aminotransferase and alanine aminotransferase, and a slight decrease in aldolases. The results of determinations of other components studied, different from those in guinea pigs, are discussed. Orig. art. has: 9 tables.

SUB CODE: PH, LS / SUBM DATE: 09Nov64 / ORIG REF: 000 / OTH REF: 021

Card 2/2

Country : ROMANIA  
Category : Cultivated Plants. Cereals. Leguminous Plants.  
Tropical Cereals. M

Abs Jour : RZhBiol., No 6, 1959, No 24806

Author : Stanou, M.

Inst : -

Title : A Commission's Report on the Problem of Increasing Grain Crops in RPR.

Orig Pub : Prob. agrin., 1958, 10, No. 6, 7-11

Abstract : No abstract.

Card : 1/1

STANOV, V.V.

Metamorphism of coals in the Kuznetsk Basin. Trudy Inst.geol. nuak.  
no.90:185-194 '47. (MLRA 9:11)  
(Kuznetsk Basin--Coal geology)



CZECHOSLOVAKIA/Plant Diseases. Diseases of Cultivated Plants

C-3

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 44490

Author : Stanova Maria

Inst : -

Title : Symptoms in the Apricot Infected with the Fungus Clasterosporium carpophilum Lev. (Aderh.)

Orig Pub : Biologia, 1957, 12, No 8, 618-621

Abstract : Coryneum blight causes considerable damage to the apricot culture in Slovakia. The infection is accompanied by gum exudation containing the chlamydospores of C. carpophilum (Coryneum beijerinckii).

Card : 1/1

STANOVA, M. - MAJSTLIK, O

"Effect of temperature on some mushrooms with regard to the premature dying of apricot trees (Prunus armeniaca L.)"

BIOLOGIA, Bratislava, Czechoslovakia, Vol. 14, no. 1, 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 3, No. 6, Sept 59  
Unclass

MAJERNIK, Ondrej; LACOK, Pavol; STANOVA, Maria

Investigation of the toxic dependence of certain agents in relation  
to the dieback disease of apricots (*Prunus armeniaca* L.). *Biologia*  
15 no.2:32-52 '60. (EEAI 9:5)

1. Biologicky ustav Slovenskej akademie vied, Oddelenie fysiologie  
rastlin, Bratislava.

(APRICOT)

CHOUNSI, D.Garris [Chauncey, D.Harris]; FRENCH, R.A.; ROGACHEVA, E.V.  
[translator]; STANOVA, T.A. [translator]

Foreign scientists' statements on Soviet geography. Izv. AN SSSR.  
Ser. geog. no.4:106-109 J1-Ag '62. (MIRA 16:5)  
(Geography)

STANOVIK, B.; TISLER, M.

On the structure of 3-substituted 2-thio-4-oxo-hexahydro-1,3-diazines. Bul se Youg 9 no.1/2:2 F-Ap '64.

1. Department of Chemistry, University of Ljubljana.

STANOVIC, Ivan; ILIC, R.; DERGENC, Slobodan

Post-inflammatory ectopy of the macula lutea. Srpski arh. celok. lek.  
89 no.11:1301-1308 N '61.

1. Klinika za bolesti ociju Medicinskog fakulteta Univerziteta u  
Beogradu V.d. upravnika: prof. dr Ivan Stankovic.

(MACULA LUTEA dis)

S

STANDUNIK, B.

V Structure of 2-substituted amino-1,3,4-thiadiazoles. B. Stanovnik and M. Tisler (Univ. Ljubljana, Yugoslavia). *J. Org. Chem.* 25, 2231-6 (1960). 2-Substituted amino-1,3,4-thiadiazoles (I) were obtained by the reaction of tri-Et orthoformate with 4-substituted thiosemicarbazides. 2-Methyl-4-phenylthiosemicarbazide (II) was prepd. from MeHNH<sub>2</sub> and phenyl isothiocyanate. Heating 8.8 g. carbonylmethyl N-methyl-N-phenylthiocarbamate 10 min. with 15 ml. 80% N<sub>2</sub>H<sub>4</sub>·H<sub>2</sub>O, dilg. with H<sub>2</sub>O, and crystg. the solid gave 2.0 g. 4-methyl-4-phenylthiosemicarbazide, m. 125° (alc.); benzylidene deriv., m. 183°. A 0.01 mole sample of the corresponding 4-substituted thiosemicarbazide was heated 1 hr. with 5-10° ml. tri-Et orthoformate. On cooling most I were obtained cryst.; otherwise the solvent was evapd., and the residue crystd. from alc. The yields were in the range 50-80%. In the case of compds. no. 9, 10, and 12 the yields were 10-15%. The following S.CH:N.N:CNRR<sup>1</sup> were thus obtained (compd. no., R, R', and m.p. given): 1, Ph, H, 174°; 2, m-MeC<sub>6</sub>H<sub>4</sub>, H, 103.5°; 3, p-MeC<sub>6</sub>H<sub>4</sub>, H, 102.5°; 4, o-MeOC<sub>6</sub>H<sub>4</sub>, H, 119.5°; 5, p-MeOC<sub>6</sub>H<sub>4</sub>, H, 152.5°; 6, p-ClC<sub>6</sub>H<sub>4</sub>, H, 204°; 7, m-ClC<sub>6</sub>H<sub>4</sub>, H, 164°; 8, p-BrC<sub>6</sub>H<sub>4</sub>, H, 219°; 9, PhCH<sub>2</sub>, H, 100°; 10, α-naphthyl, H, 136°; 11, cyclohexyl, H, 167°; 12, Ph, Me, 70°. 2-Phenylimino-3-methyl-1,3,4-thiadiazoline was prepd. by the above procedure from II by subsequent methylation of 2-phenylamino-1,3,4-thiadiazole with MeI, m. 280° (alc.). B. K. Wasson

4  
JAJ(RM)

mw

STANOVNIK, B.; TISLER, M.

Structure of some drugs from the thio amide group: corrections.  
Farmaceut vest 14 no.10/12:249-250 '63.

1. Laboratory of Organic Chemistry at the Department of Chemistry  
of the Faculty of Natural Sciences and Technology, University  
Of Ljubljana, Ljubljana.



STANOVNIK, B.; TISLER, M.

Some derivatives of perhydro-imidazo (1,5-a) pyridine and  
perhydro-pyrrolo(1,2-c)imidazole. Croat chem acta 35 no.3:  
167-170 '63.

1. Department of Chemistry, University of Ljubljana, Ljubljana,  
Slovenia, Yugoslavia.

STANOVIK, B.; TISLAR, M.

Syntheses of pyridazine derivatives. Part I. Croat chem acta 36  
no.2:81-86 '64.

I. Department of Chemistry of the Faculty of Natural Sciences  
and Technology, Ljubljana.

STANOVNIK, B.; TOČER, M.

Note on the formation of 2,5-diamino-1,3,4-thiadiazole. Croat  
chem acta 36 no.3:169-170 1962.

1. Department of Chemistry of the Faculty of Natural Sciences  
and Technology of the University of Ljubljana, Ljubljana. Sub-  
mitted July 28, 1962.

STANOVSKA, B., STANOVSKA, B.

Structure of ... from the title ...  
vest 14 no. 2/3/27/2 1953.

1. Laboratory of Organic Chemistry at the Department of Chemistry  
of the Faculty of Natural Sciences and Technology, University  
of Ljubljana, Ljubljana.

STANOVOV, A.

Health shore. Zdorov'e 3 no.7:24 J1 '57.

(MIRA 10:8)

(SSYK-KUL' LAKE--HEALTH RESORTS, WATERING PLACES, ETC.)

STANOVOV, N.

She is the first. Kryl. rod. 16 no.10:10 0 '65.

(MIRA 18:12)

STANOVOV, N. (Kuybyshev)

"Elektron", a club for young patriots. Radio no.1:16 Ja '66.  
(MIRA 19:1)

STANOVOV, N. (Tadzhikskaya SSSR)

Activists decide. Voen. znan. 42 no.2:33 F '66.

(MIRA 19:1)



STANOVOVA, A.

Poultry

"Arzhenka." Sov. zhen. No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952 ~~1953~~, Uncl.

BABAYAN, D.N., otv.red.; STANOVOVA, L., red.; OVASAPYAN, A., tekhn.red.

[Transactions of the first Transcaucasian conference on the status of and outlook for the study of fungi, March 11-13, 1958] Materialy pervogo Zakavkazskogo soveshchaniia, posvishchennogo sostoiianiiu i perspektivam izucheniia mikologicheskoi flory, 11-13 marta 1958 g. Erevan, Izd-vo Erevanskogo univ., 1958. 107 p. (MIRA 12:4)

1. Zakavkazskoye soveshchaniye, posvyashchennoye itogam i perspektivam izucheniya mikologicheskoy flory respublik Zakavkaz'ya. Ist, Yerevan, 1958.

(Transcaucasia--Mycological research)

MICROBIOLOGY

CZECHOSLOVAKIA

STANOVA, Maria; LACOK, Pavel; Botanical Institute of the Slovak Academy of Sciences, Department of Pathological Physiology, Bratislava. [Original version not given].

"Study of the Influence of Apricot Tree Gum Upon the Growth of Pathogenic Fungi."

Bratislava, Biologia, Vol 21, No 4, 1966, pp 246 - 251

Abstract: The influence of a 2% solution of natural apricot tree gum, and of gum chemically purified upon the growth of pathogenic fungi *Monilia laxa*, *Cytospora* sp., *Fusarium solani*, and *Trichoderma viride* in a basic agar-malt cultivation medium was investigated. All the fungi with the exception of *Monilia laxa* are inhibited both by the natural and the chemically purified apricot gum. *Monilia laxa* is inhibited only by natural gum. The season in which the gum was collected influences its inhibition effect. The highest inhibition effect is shown by natural gum collected in the spring. 2 Figures, 2 Tables, 7 Western, 4 Czech, 1 Russian reference. (Manuscript received 5 Oct 65). Article is in German.

1/1

STANOVA, Maria; LACOK, Pavel; Botanical Institute, Slovak Academy of Sciences, Department of Pathological Physiology (Botanický Ústav Slovenskej Akadémie Vied, Oddelenie Patologickej Fyziologie),

**APPROVED FOR RELEASE: 08/25/2000** **CIA-RDP86-00513R001652910010-6"**

"Contribution to the Study of Gummosis in Some Fruit Trees."

Bratislava, Biologia, Vol 21, No 6, 1966, pp 457 - 459

Abstract: Formation of gums on apricot and peach trees after infection by some phytopathological fungi was investigated. Differences in the appearance of the trees after infection by a definite fungus were studied. Peach trees are highly sensitive to infection by the fungus *Cytospora* sp., and apricots to *Monilia laxa* and *Trichothecium roseum*. Formation of gum after application of the herbicide MCPA (2-methyl-4-chloro-phenoxyacetic acid) was also investigated. 1 Table, 6 Western, 3 Czech references. (Manuscript received 7 Feb 66).

1/1

STANOVY, I.V.

The N407 shears for cutting light-alloy sheets. Biul.tekh.-  
ekon.inform. no.7:10-11 '61. (MIRA 14:8)  
(Shears (Machine tools))

STANOVSKIY, I.G.

AKHTYRSKIY, V.I.; STANOVSKIY, I.G., val'tsetokar'; MOROZOV, P.G., master  
val'tsetokarnoy masterskoy.

Automatic hard facing of rolling mill rolls. Metallurg no.12:20-  
23 D '56. (MLRA 10:1)

1. Inzhener Tsentral'noy zavodskoy laboratorii (for Akhtyrskiy).
2. Kramatorskiy metallurgicheskiy zavod imeni Kuybysheva (for Stanovskiy). (Hard facing) (Rolls (Iron mills))

1. STANOVSKIY, L. G., Eng.
2. USSR (600)
- 4/ Machinery - Terminology
7. Classification, labelling models, and naming machines and other equipment  
Vest mash No. 11 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ZAYTSEV, F.I.; STANOVSKIY, M.M.

Structure of the Central Office of Technical Information should  
conform with the main trends of its work. NTI no.1:8-10 '65.  
(MIRA 18:6)

STANOVSKY, J.

Cam disks from polyamide. Jemna mech opt 9 no. 3:68  
Mr '64.

1. Chronotechna, Sternberk.



POLAND

CZAPLICKI, S. and STANOWSKI, B.: The Central Clinic of Internal Diseases  
WAM (Z Kliniki Chorob Wewnętrznych WAM).

"The Value of the Shape and Time of the Intrinsic Deflection of Ventricular  
Extrasystoles in the Diagnostic Electrocardiography (ecg)."

Warsaw, Polaki Tygodnik Lekarski, Vol 17, No 52, 24 Dec 62, pp 2029-2032

Abstract: [Authors' English summary modified / The relation between  
ecg picture of the ventricular extrasystoles (pointed, notched and dented  
peak) and the kind of circulatory changes was analysed according to the  
reports of D. Gross. The authors are of the opinion that the shape of the  
ventricular extrasystoles, the time of intrinsic deflection and T. shape  
are of no diagnostic value. The other ecg abnormalities i.e. ST-T changes,  
which appeared in 85% of the cases of ventricular extrasystoles of organic  
origin are of greater use.

This article contains five diagrams and ten references. Three of the  
references are Polish.

1/1

OPALICKI, Sylwester; SIANKOWSKI, Edward; SZEPIETOWSKI, Janusz

Blood groups and their relation to cholelithiasis, gastric cancer  
and peptic ulcer. Pol. tyg. lek. 19 no.17:630-632 20 Ap '64.

1. Z Kliniki Chirurgicznej 2 Centralnego Szpitala Klinicznego  
(kierownik: doc. dr. med. W. Zagorski).

ZAGORSKI, Wladyslaw; CZAPLICKI, Sylwester; SZEPINTOWSKI, Janusz;  
BIRKOWSKI, Edward.

Electrocardiogram in experimental deep hypothermia in dogs.  
Pol. tygod. lek. 20 no.6:208-210 8 F '65

1. Z Kliniki Chirurgicznej Wojskowej Akademii Medycznej w  
Warszawie (Kierownik: doc. dr. med. W. Zagorski).

STANISLAW J., CERNY A., JACZYNSKI S., WILKOW I., PLEPPERT Z.,

CEMR E., SCHLESIA J., WLODZIMIEWICZ S. and KOSZYCZYNSKA I.

Miejskiego Zakladu Badan Serca, Krakow. #Niewydolnosc wienkowa  
insufficiency and heart infarct from the social - clinical and  
statistical points of view POL. ARCH. MED. WNET. 1954, 24/2  
(225-239) Graphs 2 Tables 5

Coronary circulation disorders appear primarily in occupations with a  
preponderance of mental work but also in occupations, subject to harmful  
environmental influences resulting from an abnormal mode of living and  
working. These influences, disturbing the higher function of the nervous  
system, are important causal factors in coronary disease.

Authors

So: Excerpta Medica, Vol. 1 No. 2 Section XVII, February 1955.

STANOWSKI, Jozef (Krakow)

Observations on disorders of bio-electric functions of the heart during cardiac surgery. Kardiologia Polska 1 no.3-4:97-99 1955.

(HEART, surgery,  
perop. bio-electric changes (Pol))  
(ELECTROCARDIOGRAPHY,  
in heart surg., perop. bio-electric changes (Pol))

STANOWSKI, Jozef; PETRY, Jan

Attempted evaluation of the influence of occupational work  
on cardiovascular diseases in physicians. Polski tygod. lek.  
12 no.15:572-576 8 Apr 57.

1. (Z Wojew. Poradni Kardiologicznej w Krakowie i z Pododdzialu  
Kardiologicznego; kierownik: dr med. J. Stanowski oraz z Oddzialu  
Chorob Wewn. Miejskiego Szpitala im. G. Narutowicza w Krakowie;  
ordynator: prof. dr. F. Siedlecki). Adres: Krakow, Wojewodzka  
Poradnia Kardiologiczna.

(CARDIOVASCULAR DISEASES, statist.  
in physicians (Pol))

(PHYSICIANS, dis.  
cardiovasc., statist. (Pol))

STANOWSKI, Jozef,;MIREK, Roman

Coronary disease with co-existing lateral bulbar Babinski-Nageotte-Wallenberg syndrome. Polski tygod. lek. 12 no.19:720-722 6 May 57.

1. Z Wojew. Poradni Kardiologicznej w Krakowie; kierownik: dr.med. J. Stanowski; Z Oddziału Chorob Weyn. Miejskiego Szpitala im. G. Narutowicza; ordynator: prof. dr.F. Siedlecki; z Podziału Kardiologicznego Oddziału Chorob Wewn.;kierownik dr.med. J. Stanowski i z Oddziału Neurologicznego Miejskiego Szpitala im. G. Narutowicza;ord. dr.med. R. Mirek. Adres: Krakow, Wojew. Poradnia Kardiologiczna 1 Maja 5.  
(MEDULLA, OBLONGATA, diseases,  
Wallenberg's synd. with coronary dis. (Pol))  
(CORONARY DISEASE, complications,  
Wallenberg's synd. (Pol))

STANOWSKI, Jozef

Coronary diseases among workers of the S. Szakowski Machine and Apparatus Construction Plant in Krakow. I. The morbidity index. Postepy hig. med. dosw. 15 no.6:769-777 '61.

1. Z Zakladu Kardiologii i P-oddzialu Kardiologicznego Oddzialu Chorob Wewnetrznych Miejskiego Szpitala im. G. Narutowicza w Krakowie Ordynator: prof. dr F. Siedlecki oraz z Katedry Statystyki Wyzszej Szkoły Ekonomicznej w Krakowie Kierownik: prof. dr. J. Fierich.  
(CORONARY DISEASE statist) (OCCUPATIONAL DISEASES statist)



MIREK, Roman; MACZKA-PATKANIOWSKA, Zofia; POLITOWSKI, Mieczyslaw;  
STANOWSKI, Jozef

Congenital diaphragmatic hernia complicated by cerebral embolism.  
Pol. przegl. chir. 33 no.12:15-3-1507 '61.

1. Z Oddziału Chorob Nerwowych Miejskiego Szpitala im. G.Narutowicza  
w Krakowie Ordynator: dr R. Mirek Z Oddziału Radiologicznego Kierownik:  
dr Z. Maczka-Patkaniowska z III Kliniki Chirurgicznej ~~IM~~ w Krakowie  
Kierownik: prof. dr J. Jasienski z Oddziału Chorob Wewnętrznych  
Kierownik: prof. dr F.Siedlecki z Pododdziału Kardiologicznego.  
(HERNIA DIAPHRAGMATIC compl)  
(CEREBRAL EMBOLISM AND THROMBOSIS in adolescence)

MIREK, R.; STANOWSKI, J.

Particular forms of cerebral syndrome during the course of coronary disease and myocardial infarct. Kardiol. Pol. 5 no.2:107-110 '62.

1. Z Oddziału Chorob Nerwowych Ordynator: dr R. Mirek i Pododdziału Kardiologicznego Oddziału Chorob Wewnętrznych Miejskiego Szpitala im. G. Narutowicza w Krakowie Ordynator Oddziału: prof. dr F. Siedlecki Kierownik Pododdziału: dr J. Stanowski.

(BRAIN dis) (CORONARY DISEASE compl)  
(MYOCARDIAL INFARCT compl)

L 60307-65

ACCESSION NR: AP5019799

PO/0084/65/000/007/0019/0019

AUTHOR: Dziunikowski, K. (Docent, Doctor, Engineer); Labus, H. (Engineer); Rauk, J. (Master engineer); Stanowski, Z. (Master engineer)

TITLE: A method of extinguishing fires

SOURCE: Przegląd pożarniczy, no. 7, 1965, 19

TOPIC TAGS: fire extinguisher, foam extinguisher, foamed glass, water glass, fire prevention

ABSTRACT: The article describes a method of extinguishing a fire by covering the surface of a burning material with a layer of foam. This is achieved by pressure hosing the burning material with a solution of water glass having a density of 42° Baume. The solution, in addition to its cooling capacity, changes into a foam of solid consistency directly on the burning surface once it is heated to 170C, and thus produces a hard protective layer about 2 cm thick which is stable at higher temperatures; the layer has a volume per unit area 13 times the volume of solution used. Used in this manner, the solution does not release any harmful vapors and gases and thus can be used underground. The surface which is not yet burning but close to the fire can also be hosed with the solution, thereby providing, within

Card 1/2

L 60307-65

ACCESSION NR: AP5019799

the 170C temperature range, a glass-like fireproof layer and preventing the further spread of fire. The method is covered by Polish patent No. 44252 Class 61b, 2, held by the Glowny Instytut Gornictwa (Main Mining Institute) in Katowice. The patent is dated October 20, 1959.

ASSOCIATION: Glowny Instytut Gornictwa, Katowice (Main Mining Institute)

SUBMITTED: 20Oct59

ENCL: 00

SUB CODE: IE, MT

NO REF SOV: 000

OTHER: 000

Card 2/2

L 60301-65 EWP(h)/EWP(1)

ACCESSION NR: AP5019301

PO/0084/65/000/007/0020/0020

AUTHOR: Korzewnikjanc, L.; Stanowski, Z. (Master engineer)

TITLE: Automatic fire extinguishing device

SOURCE: Przegląd pożarniczy, no. 7, 1965, 20

TOPIC TAGS: fire extinguisher, inflammable material, fire prevention, industrial safety

ABSTRACT: The article describes a simple fire extinguishing device for which a Polish patent (Patent No. 38176, Class 61a, 22) was obtained on Sept. 18, 1954. The owner of the patent is the Ministerstwo Kolei, Centralny Zarząd Przedsiębiorstw Usługowych "Orbis" (Central Administration of "Orbis" Service Enterprises, Ministry of Railroads) in Warsaw. The inventor is Leon Korzewnikjanc. The device, shown in Fig. 1 of the Enclosure, is for extinguishing fires of highly inflammable materials stored in open containers. The device has an expandable bellows made of asbestos fabric or of a fabric impregnated at 60 C by water glass containing about 30% kaolin. Normally, the bellows are compressed and held by an easily combustible string, 1, which, for more rapid burning in case of fire, is connected to a container with an inflammable fluid, 2. In case of fire, the bellows drop and enclose the container with the burning material, thus cutting off the air supply. Orig. art. has: 1 figure.

Card 1/3

L 60301-65

ACCESSION NR: AP5019801

ASSOCIATION: Ministerstwo Kolei, Centralny Zarząd Przedsiębiorstw Usługowych  
"Orbis," Warsaw (Central Administration of Orbis Service Enterprises, Ministry  
of Railroads)

SUBMITTED: 18Sep54

ENCL: 01

SUB CODE: IE

NO REF SOV: 000

OTHER: 000

Card 2/3

L 60301-65

ACCESSION NR: AP5019801

ENCLOSURE: 01

0

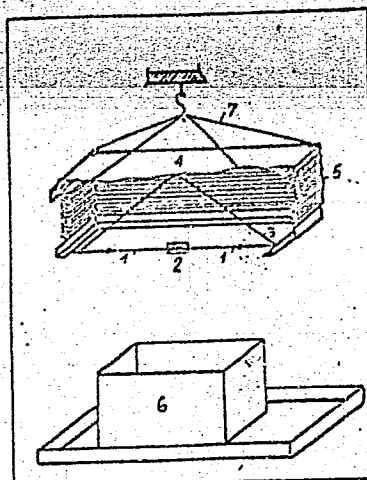


Figure 1. Schematic representation of the automatic fire extinguisher: 1 - combustile string, 2 - container of inflammable fluid, 3 - metal wire, 5 - bellows, 7 - steel wires, 6 - open container (4 - not explained)

Card 3/3 *bjp*

ACCESSION NR: AP5019800

PO/0084/65/000/007/0019/0020

AUTHOR: Sztajerwald, J. (Engineer); Baniukiewicz, E.; Stepniak, S.; Weglewski, J. (Engineers); Stanowski, Z. (Master engineer)

TITLE: Ionic fire prevention sensor

SOURCE: Przegląd pożarniczy, no. 7, 1965, 19-20

TOPIC TAGS: fire prevention, fire alarm, ionic fire sensor

ABSTRACT: The article describes an ionic sensor for detecting the outbreak of a fire for which a Polish patent (Patent No. 43 177 Class 74a, 30) was issued on Sept. 22, 1958. The owner of the patent is the Panstwowe Przedsiębiorstwo Poczta Polska, Telegraf i Telefon (Polish State Postal, Telegraph, and Telephone Service) in Warsaw. The sensor is activated during the very early stage of a fire by the presence of minimal quantities of foreign matter in the air, such as smoke, dust, and city gas. When activated, the device immediately disconnects the electric power supply to the malfunctioning apparatus, thus preventing the outbreak of a fire. At the same time, the device can raise the alarm or start air ventilation to cool the defective apparatus. Fig. 1 of the Enclosure shows the schematic of the device, which consists of a diode sensor connected through three conductors (of any length) to a one-stage DC amplifier and the signalling circuit. The cathode

Card 1/3



ACCESSION NR: AP5019800

of the diode sensor is a very thin platinum wire and the anode is made of plates or a spiral. The diode sensor is located in the air stream flowing from the apparatus under control. The cathode is heated to a certain fixed potential. Resistor  $R_2$  controls the device sensitivity. Any change in the cathode temperature (e.g., due to the burning of fine particles or some gases in the air stream) immediately changes the diode current and thus energizes the device. Orig. art. has: 1 figure.

ASSOCIATION: Panstwowe Przedsiębiorstwo Poczta Polska, Telegraf i Telefon, Warsaw (Polish State Postal, Telegraph, and Telephone Service)

SUBMITTED: 22Sep58

ENCL: 01

SUB CODE: IE, EC

NO REF SOV: 000

OTHER: 000

Card 2/3

ACCESSION NR: AP5019800

ENCLOSURE: 01

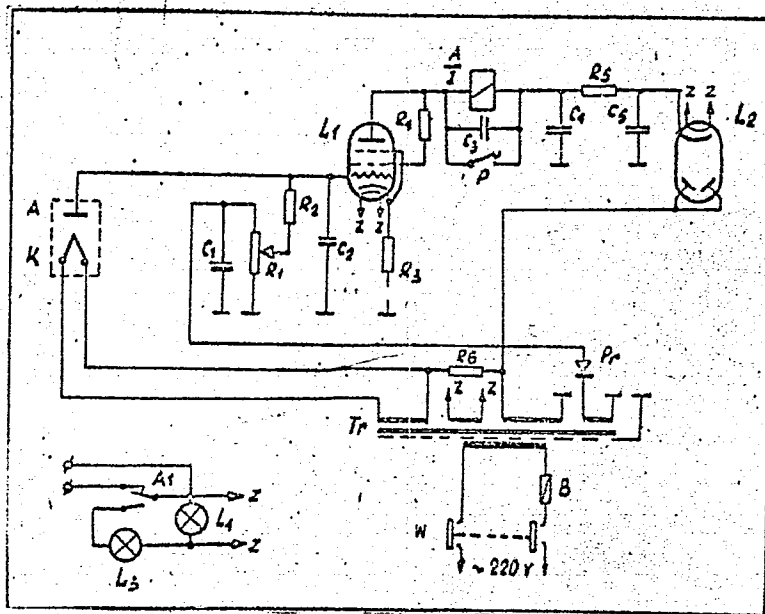


Figure 1. Circuit diagram of an ionic fire alarm.

Card 3/3

STANPAKOV, V.D.

Some problems of the analysis of the performance of continuous conveyor lines for the repair of freight cars. Trudy OMIIT 43 pt.2:127-141 '63.

Use of hard facing in a carbon dioxide atmosphere in the repair of car parts. Ibid.:143-148 (MIRA 18:10)